

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

9409/2113

APPLICATION NO.

10/753,695

INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Communi et al.

SEVERAL SHEETS IF NECESSARY

FILING DATE
January 8, 2004GROUP 1646
Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RLX	WO 85/10538	04/20/85	PCT				
RLX	WO 88/38558	12/05/88	PCT				

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL		
RLX	A	Barnard, et al., "G protein-coupled receptors for ATP and other nucleotides: a new receptor family", TIPS 15:67-70 (1994)
	B	Boarder, et al., "G protein-coupled P ₂ purinoceptors: from molecular biology to functional responses", TIPS 15:133-139 (1995)
RLX	C	Boyer, et al., "Differential effects of P ₂ -purinoceptor antagonists on phospholipase C- and adenylyl cyclase-coupled P ₂ -purinoceptors", Br. J. Pharmacol. 113:614-620 (1994)
	D	Brake, et al., "New structural motif for ligand-gated ion channels defined by an ionotropic ATP receptor", Nature 371:519-523 (1994)
RLX	E	Brown, et al., "Evidence that UTP and ATP Regulate Phospholipase C through a Common Extracellular 5'-Nucleotide Receptor in Human Airway Epithelial Cells", Molecular Pharmacology 40:648-655 (1991)
	F	Communi, et al., "Cloning and Functional Expression of a Human Uridine Nucleotide Receptor", J. Biol. Chem. 270(52):30849-30852 (1995)

EXAMINER

Ruixiang L

DATE CONSIDERED

3/5/2006

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
x RL	G	Communi, et al., "Coexpression of P _{2Y} and P _{2U} Receptors on Aortic Endothelial Cells", Circulation Research 76(2):191-198 (1995)
	H	Devereux, et al., "A comprehensive set of sequence analysis programs for the VAX", Nucleic Acids Research 12(1):387-395 (1984)
x RL	I	Erb, et al., "Functional expression and photolabeling of a cloned P _{2U} purinergic receptor", Proc. Natl. Acad. Sci. USA 90:10449-10453 (1993)
	J	Erb, et al., "Site-directed Mutagenesis of P _{2U} Purinoceptors", J. Biol. Chem. 270(9):4185-4188 (1995)
x RL	K	Filtz, et al., "Expression of a Cloned P _{2Y} Purinergic Receptor that Couples to Phospholipase C", Molecular Pharmacology 48:8-14 (1994)
	L	Fredholm, et al., "VI. Nomenclature and Classification of Purinoceptors", Pharmacological Reviews 46(2):143-158

EXAMINER	<i>Rushing L.</i>	DATE CONSIDERED	3/5/2006
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						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
X Ri	M	Harrison, et al., "cDNA cloning of a G-protein-coupled receptor expressed in rat spinal cord and brain related to chemokine receptors", Neuroscience Letters 169:85-89 (1994)
	N	Henderson, et al., "Cloning and Characterization of a Bovine P _{2U} Receptor", Biochem. and Biophys. Research Comm. 212(2):648-656 (1995)
X Ri	O	Kaplan, et al., "Identification of a G Protein Coupled Receptor Induced in Activated T Cells", J. Immun. 151(2):628-636 (1993)
	P	Lazarowski, et al., "Identification of a Uridine Nucleotide-selective G-protein-linked Receptor That Activates Phospholipase C", J. Biol. Chem. 269(16):11830-11836 (1994)
A Ri	Q	Libert, et al., "Selective Amplification and Cloning of Four New Members of the G Protein-Coupled Receptor Family", Science 244:569-572 (1989)
	R	Lustig, et al., "Expression cloning of an ATP receptor from mouse neuroblastoma cells", Proc. Natl. Acad. Sci. USA 90:5113-5117 (1993)

EXAMINER <i>Rundberg L</i>	DATE CONSIDERED 3/5/2006
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X RLi	S	Motta, et al., "Evidence that most High-affinity ATP binding sites on aortic endothelial cells and membranes do not correspond to P ₂ receptors", Eur. J. Pharm. 307:201-209 (1996)
	T	Nomura, et al., "Molecular cloning of cDNAs encoding a LD78 receptor and putative leukocyte chemotactic peptide receptors", International Immun. 5(10):1239-1249 (1993)
X RLi	U	O'Connor, et al., "Further subclassification of ATP receptors based on agonist studies", TIPS 12:137-141 (1991)
	V	Parr, et al., "Cloning and expression of a human P _{2U} nucleotide receptor, a target for cystic fibrosis pharmacotherapy", Proc. Natl. Acad. Sci. USA 91:3275-3279 (1994)
X RLi	W	Rice, et al., "Cloning and Expression of the Alveolar Type II Cell P _{2U} -Purkinergic Receptor", Am. J. Respir. Cell Mol. Biol. 12:27-32 (1995)
	X	Seifert, et al., "Involvement of pyrimidinoreceptors in the regulation of cell functions by uridine and by uracil nucleotides", TIPS 10:365-369 (1989)

EXAMINER	RuiXiang Li	DATE CONSIDERED	3/5/2006
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RLi L	Y	Slam, et al., "Molecular cloning and characterization of a novel orphan receptor (P _{2U}) expressed in human pancreas that shows high structural homology to the P _{2U} purinoceptor", FEBS Letters 384:260-264 (1996)
	Z	Tokuyama, et al., "Cloning of Rat and Mouse P _{2U} Purinoceptors", Biochem. and Biophys. Research Comm. 211(1):211-218 (1995)
RLi X	AA	Valera, et al., "A new class of ligand-gated ion channel defined by P _{2U} receptor for extracellular ATP", Nature 371:516-519 (1994)
	BB	Velu, et al., "Retroviruses Expressing Different Levels of the Normal Epidermal Growth Factor Receptor: Biological Properties and New Bioassay", J. Cell. Biochem. 39:153-166 (1989)
RLi X	CC	Webb, et al., "Cloning and functional expression of a brain G-protein-coupled ATP receptor", FEBS Letters 324(2):219-225 (1993)
	DD	Zeng, et al., "Molecular characterization of a rat α_{2D} -adrenergic receptor", Proc. Natl. Acad. Sci. USA 87:3102-3106 (1990)

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